



SEQUENCE LISTING

<110> Blumberg

<120> Methods of Inhibiting Inflammation

<130> 18989-033

<140> 10/808,052

<141> 2004-03-24

<150> 60/457,048

<151> 2003-03-24

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<170> PatentIn Ver. 2.1

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Ala	Glu	His	Trp	Lys	Ser	Ile	Arg	Lys	Asn	Leu	Glu	Pro	Glu	Asn	Leu	305	310	315
Ser	Lys	Ala	Glu	Ala	Val	Gln	Ser	Phe	Leu	Ala	Phe	Ile	Gln	His	Leu	325	330	335
Arg	Thr	Ser	Arg	Arg	Glu	Glu	Ile	Leu	Gln	Ile	Leu	Lys	Ala	Glu	Lys	340	345	350
Lys	Glu	Val	Leu	Pro	Gln	Leu	Val	Asp	Ala	Val	Thr	Ser	Ala	Gln	Thr	355	360	365
Pro	Asp	Ser	Leu	Glu	Ala	Ile	Leu	Asp	Phe	Leu	Asp	Phe	Lys	Ser	Asp	370	375	380
Ser	Ser	Ile	Ile	Leu	Gln	Glu	Arg	Phe	Leu	Tyr	Ala	Cys	Gly	Phe	Ala	385	390	395
Thr	His	Pro	Asp	Glu	Glu	Leu	Leu	Arg	Ala	Leu	Leu	Ser	Lys	Phe	Lys	405	410	415
Gly	Ser	Phe	Ala	Ser	Asn	Asp	Ile	Arg	Glu	Ser	Val	Met	Ile	Ile	Ile	420	425	430
Gly	Ala	Leu	Val	Arg	Lys	Leu	Cys	Gln	Asn	Glu	Gly	Cys	Lys	Leu	Lys	435	440	445
Ala	Val	Val	Glu	Ala	Lys	Lys	Leu	Ile	Leu	Gly	Gly	Leu	Glu	Lys	Pro	450	455	460
Glu	Lys	Lys	Glu	Asp	Thr	Thr	Met	Tyr	Leu	Leu	Ala	Leu	Lys	Asn	Ala	465	470	475
Leu	Leu	Pro	Glu	Gly	Ile	Pro	Leu	Leu	Leu	Lys	Tyr	Ala	Glu	Ala	Gly	485	490	495
Glu	Gly	Pro	Val	Ser	His	Leu	Ala	Thr	Thr	Val	Leu	Gln	Arg	Tyr	Asp	500	505	510
Val	Ser	Phe	Ile	Thr	Asp	Glu	Val	Lys	Lys	Thr	Leu	Asn	Arg	Ile	Tyr	515	520	525
His	Gln	Asn	Arg	Lys	Val	His	Glu	Lys	Thr	Val	Arg	Thr	Thr	Ala	Ala	530	535	540
Ala	Val	Ile	Leu	Lys	Asn	Pro	Ser	Tyr	Met	Asp	Val	Lys	Asn	Ile	Leu	545	550	555
Leu	Ser	Ile	Gly	Glu	Leu	Pro	Lys	Glu	Met	Asn	Lys	Tyr	Met	Leu	Thr	565	570	575
Val	Val	Gln	Asp	Ile	Leu	His	Phe	Glu	Met	Pro	Ala	Ser	Lys	Met	Ile	580	585	590

Arg Arg Val Leu Lys Glu Met Ala Val His Asn Tyr Asp Arg Phe Ser
 595 600 605
 Lys Ser Gly Ser Ser Ser Ala Tyr Thr Gly Tyr Val Glu Arg Ser Pro
 610 615 620
 Arg Ala Ala Ser Thr Tyr Ser Leu Asp Ile Leu Tyr Ser Gly Ser Gly
 625 630 635 640
 Ile Leu Arg Arg Ser Asn Leu Asn Ile Phe Gln Tyr Ile Lys Gly Thr
 645 650 655
 Glu Leu His Gly Ser Gln Val Val Ile Glu Ala Gln Gly Leu Glu Gly
 660 665 670
 Leu Ile Ala Ala Thr Pro Asp Glu Gly Glu Glu Asn Leu Asp Ser Tyr
 675 680 685
 Ala Gly Met Ser Ala Ile Leu Phe Asp Val Gln Leu Arg Pro Val Thr
 690 695 700
 Phe Phe Asn Gly Tyr Ser Asp Leu Met Ser Lys Met Leu Ser Ala Ser
 705 710 715 720
 Gly Asp Pro Val Ser Val Val Lys Gly Leu Ile Leu Leu Ile Asp His
 725 730 735
 Ser Gln Asp Ile Gln Leu Gln Ser Gly Leu Lys Ala Asn Met Glu Ile
 740 745 750
 Gln Gly Gly Leu Ala Ile Asp Ile Ser Gly Ser Met Glu Phe Ser Leu
 755 760 765
 Trp Tyr Arg Glu Ser Lys Thr Arg Val Lys Asn Arg Val Ala Val Val
 770 775 780
 Ile Thr Ser Asp Val Thr Val Asp Ala Ser Phe Val Lys Ala Gly Leu
 785 790 795 800
 Glu Ser Arg Ala Glu Thr Glu Ala Gly Leu Glu Phe Ile Ser Thr Val
 805 810 815
 Gln Phe Ser Gln Tyr Pro Phe Leu Val Cys Met Gln Met Asp Lys Ala
 820 825 830
 Glu Ala Pro Leu Arg Gln Phe Glu Thr Lys Tyr Glu Arg Leu Ser Thr
 835 840 845
 Gly Arg Gly Tyr Val Ser Arg Arg Arg Lys Glu Ser Leu Val Ala Gly
 850 855 860
 Cys Glu Leu Pro Leu His Gln Gln Asn Ser Glu Met Cys Asn Val Val
 865 870 875 880
 Phe Pro Pro Gln Pro Glu Ser Asp Asn Ser Gly Gly Trp Phe
 885 890

<210> 7
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:oligonucleotide
 primer

 <400> 7
 ggagaaacgg tcataattgt g 21

 <210> 8
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:oligonucleotide
 primer

 <400> 8
 gtgggccgct ctaggcacca a 21

 <210> 9
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:oligonucleotide
 primer

 <400> 9
 ctctttgatg tcacgcacga tttc 24

 <210> 10
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:oligonucleotide
 primer

 <400> 10
 ggactttttg gatttcaaaa gtgac 25

 <210> 11
 <211> 265
 <212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (1)..(261)

<223> Wherein Xaa is any amino acid.

<400> 11

Met Asp Pro Pro Arg Pro Ala Leu Leu Ala Leu Leu Ala Xaa Pro Xaa
1 5 10 15

Leu Leu Leu Leu Leu Leu Ala Gly Ala Arg Xaa Glu Glu Glu Xaa Leu
20 25 30

Glu Asn Val Xaa Leu Val Cys Pro Lys Asp Xaa Thr Arg Phe Xaa His
35 40 45

Leu Xaa Lys Xaa Xaa Thr Tyr Asn Tyr Glu Ala Glu Ser Ser Ser Gly
50 55 60

Val Pro Gly Thr Ala Xaa Ser Arg Ser Ala Thr Arg Xaa Asn Cys Lys
65 70 75 80

Xaa Glu Leu Glu Val Pro Gln Leu Cys Ser Phe Ile Leu Lys Xaa Ser
85 90 95

Gln Cys Thr Leu Lys Glu Val Tyr Gly Phe Asn Pro Glu Gly Lys Ala
100 105 110

Leu Leu Lys Lys Thr Lys Asn Ser Xaa Glu Xaa Ala Ala Ala Met Ser
115 120 125

Arg Xaa Glu Leu Lys Leu Ala Ile Pro Glu Gly Lys Gln Val Phe Leu
130 135 140

Tyr Pro Glu Lys Asp Glu Pro Thr Tyr Ile Leu Asn Ile Lys Arg Gly
145 150 155 160

Ile Ile Ser Ala Leu Leu Val Pro Pro Glu Xaa Glu Glu Ala Lys Gln
165 170 175

Xaa Leu Phe Xaa Asp Thr Val Tyr Gly Asn Cys Ser Thr His Phe Thr
180 185 190

Val Lys Thr Arg Xaa Gly Asn Xaa Ala Thr Xaa Xaa Ser Thr Glu Arg
195 200 205

Asp Leu Gly Gln Cys Asp Arg Phe Lys Pro Ile Arg Thr Gly Ile Ser
210 215 220

Pro Xaa Ala Leu Ile Lys Gly Met Xaa Arg Pro Leu Ser Thr Leu Ile
225 230 235 240

Xaa Ser Xaa Gln Ser Cys Gln Xaa Thr Leu Asp Ala Lys Arg Lys His
245 250 255

Val Ala Glu Ala Xaa Cys Lys Glu Gln

260

265

<210> 12
 <211> 335
 <212> PRT
 <213> Homo sapiens

<220>
 <221> VARIANT
 <222> (1)..(335)
 <223> Wherein Xaa is any amino acid.

<400> 12

Met	Gly	Cys	Leu	Leu	Phe	Leu	Leu	Leu	Trp	Ala	Leu	Leu	Gln	Ala	Trp
1				5					10					15	
Gly	Ser	Ala	Glu	Val	Pro	Gln	Arg	Leu	Phe	Pro	Leu	Arg	Cys	Leu	Gln
			20					25					30		
Ile	Ser	Ser	Phe	Ala	Asn	Ser	Ser	Trp	Thr	Arg	Thr	Asp	Gly	Leu	Ala
		35					40					45			
Trp	Leu	Gly	Glu	Leu	Gln	Thr	His	Xaa	Trp	Ser	Asn	Asp	Ser	Asp	Thr
	50					55					60				
Val	Arg	Xaa	Xaa	Lys	Pro	Trp	Ser	Gln	Gly	Thr	Phe	Ser	Asp	Gln	Gln
65					70					75					80
Trp	Glu	Thr	Leu	Gln	His	Ile	Phe	Arg	Val	Tyr	Arg	Ser	Ser	Phe	Thr
				85					90					95	
Xaa	Asp	Xaa	Lys	Glu	Xaa	Ala	Lys	Xaa	Xaa	Arg	Leu	Ser	Tyr	Pro	Leu
			100					105					110		
Glu	Leu	Gln	Xaa	Ser	Ala	Gly	Cys	Glu	Xaa	His	Pro	Gly	Asn	Ala	Ser
		115					120					125			
Asn	Asn	Phe	Phe	His	Val	Ala	Phe	Gln	Gly	Lys	Asp	Ile	Leu	Ser	Phe
	130					135					140				
Gln	Gly	Thr	Ser	Xaa	Glu	Pro	Xaa	Gln	Glu	Ala	Pro	Xaa	Trp	Val	Asn
145					150					155					160
Leu	Ala	Xaa	Gln	Xaa	Leu	Asn	Gln	Asp	Lys	Trp	Thr	Xaa	Glu	Thr	Xaa
				165					170					175	
Gln	Trp	Leu	Leu	Asn	Gly	Thr	Cys	Pro	Gln	Phe	Val	Ser	Gly	Leu	Leu
			180					185					190		
Glu	Ser	Gly	Lys	Ser	Glu	Leu	Lys	Lys	Gln	Val	Lys	Pro	Lys	Xaa	Trp
		195					200					205			
Leu	Ser	Arg	Gly	Pro	Xaa	Pro	Xaa	Pro	Gly	Arg	Leu	Leu	Leu	Xaa	Cys
	210					215					220				
His	Val	Ser	Gly	Xaa	Tyr	Pro	Lys	Pro	Val	Trp	Val	Lys	Trp	Xaa	Xaa

225		230		235		240									
Gly	Glu	Gln	Glu	Gln	Gln	Gly	Thr	Gln	Pro	Xaa	Asp	Xaa	Xaa	Pro	Asn
				245					250					255	
Xaa	Asp	Glu	Thr	Trp	Tyr	Leu	Arg	Ala	Thr	Leu	Xaa	Val	Xaa	Ala	Gly
			260					265					270		
Glu	Ala	Xaa	Gly	Leu	Ser	Cys	Arg	Val	Lys	His	Ser	Ser	Leu	Xaa	Gly
		275					280					285			
Gln	Asp	Ile	Val	Leu	Tyr	Trp	Gly	Gly	Ser	Tyr	Thr	Ser	Met	Gly	Leu
	290					295					300				
Ile	Ala	Leu	Ala	Val	Leu	Ala	Cys	Leu	Leu	Phe	Leu	Leu	Ile	Val	Gly
305					310					315					320
Phe	Thr	Ser	Arg	Phe	Lys	Arg	Gln	Thr	Ser	Tyr	Gln	Gly	Val	Leu	
				325					330					335	

<210> 13

<211> 210

<212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (1)..(210)

<223> Wherein Xaa is any amino acid.

<400> 13

Lys	Cys	Val	Gln	Ser	Xaa	Lys	Pro	Ser	Leu	Met	Ile	Gln	Lys	Ala	Xaa
1				5					10					15	
Xaa	Gln	Ala	Leu	Arg	Lys	Met	Glu	Pro	Lys	Asp	Lys	Asp	Gln	Glu	Val
			20				25						30		
Leu	Leu	Gln	Thr	Phe	Leu	Asp	Asp	Ala	Ser	Pro	Gly	Asp	Xaa	Arg	Xaa
		35					40					45			
Ala	Ala	Xaa	Leu	Met	Xaa	Xaa	Arg	Ser	Pro	Ser	Gln	Ala	Asp	Xaa	Asn
	50					55					60				
Lys	Ile	Val	Gln	Xaa	Leu	Pro	Trp	Glu	Gln	Asn	Glu	Gln	Val	Lys	Asn
65					70					75					80
Xaa	Val	Ala	Xaa	His	Ile	Ala	Asn	Xaa	Leu	Asn	Ser	Glu	Glu	Xaa	Asp
				85					90					95	
Xaa	Gln	Asp	Leu	Lys	Lys	Leu	Val	Xaa	Glu	Ala	Xaa	Lys	Glu	Ser	Gln
			100					105					110		
Leu	Pro	Thr	Val	Met	Asp	Phe	Arg	Lys	Phe	Ser	Arg	Asn	Tyr	Gln	Leu
		115					120					125			
Tyr	Lys	Ser	Val	Xaa	Leu	Pro	Ser	Leu	Asp	Pro	Xaa	Ser	Xaa	Lys	Ile

130 135 140
 Glu Gly Asn Leu Xaa Phe Asp Pro Asn Asn Xaa Leu Pro Lys Glu Ser
 145 150 155 160
 Met Xaa Xaa Thr Thr Leu Thr Ala Phe Gly Phe Ala Ser Xaa Asp Xaa
 165 170 175
 Xaa Glu Ile Xaa Leu Glu Gly Lys Gly Phe Glu Pro Thr Leu Xaa Ala
 180 185 190
 Xaa Phe Gly Lys Gln Xaa Phe Phe Pro Xaa Ser Val Asn Lys Ala Leu
 195 200 205
 Tyr Trp
 210

<210> 14
 <211> 301
 <212> PRT
 <213> Homo sapiens

<220>
 <221> VARIANT
 <222> (1)..(301)
 <223> Wherein Xaa is any amino acid.

<400> 14
 Phe Ser Tyr Asn Asn Lys Tyr Gly Met Val Ala Gln Val Thr Gln Thr
 1 5 10 15
 Leu Lys Leu Glu Asp Thr Pro Lys Ile Asn Ser Arg Phe Phe Gly Glu
 20 25 30
 Gly Thr Xaa Lys Met Gly Leu Ala Xaa Glu Ser Thr Lys Ser Thr Ser
 35 40 45
 Pro Pro Lys Xaa Ala Glu Ala Val Xaa Xaa Xaa Leu Gln Glu Leu Lys
 50 55 60
 Lys Leu Thr Ile Ser Xaa Gln Xaa Ile Gln Arg Ala Xaa Leu Phe Asn
 65 70 75 80
 Xaa Xaa Val Thr Glu Leu Arg Gly Leu Ser Asp Glu Ala Val Thr Ser
 85 90 95
 Xaa Leu Pro Gln Leu Ile Glu Xaa Ser Ser Pro Xaa Xaa Leu Gln Ala
 100 105 110
 Leu Val Gln Cys Gly Xaa Pro Gln Cys Ser Thr His Ile Xaa Gln Xaa
 115 120 125
 Leu Lys Xaa Val His Ala Asn Pro Leu Leu Ile Asp Val Val Thr Tyr
 130 135 140
 Leu Val Ala Leu Xaa Pro Glu Pro Ser Ala Gln Gln Xaa Arg Glu Ile

145		150		155		160
Phe Asn Met Ala Arg Xaa Gln Arg Ser Arg Ala Thr Leu Tyr Ala Leu						
	165			170		175
Ser His Ala Val Asn Asn Tyr His Lys Xaa Asn Pro Xaa Gly Thr Gln						
	180			185		190
Glu Leu Xaa Asp Ile Ala Asn Xaa Leu Met Glu Gln Ile Gln Asp Asp						
	195			200		205
Cys Xaa Gly Asp Glu Asp Tyr Thr Tyr Leu Xaa Leu Arg Xaa Ile Gly						
	210			215		220
Asn Met Gly Gln Thr Met Glu Gln Leu Thr Pro Glu Leu Lys Ser Xaa						
	225			230		240
Ile Leu Lys Cys Val Gln Ser Thr Lys Pro Ser Xaa Xaa Ile Gln Lys						
	245			250		255
Ala Ala Ile Gln Xaa Leu Arg Lys Met Glu Pro Lys Asp Lys Asp Gln						
	260			265		270
Xaa Xaa Leu Leu Gln Thr Phe Leu Asp Asp Ala Ser Pro Gly Asp Lys						
	275			280		285
Arg Leu Ala Ala Tyr Leu Met Leu Xaa Arg Ser Pro Ser						
	290			295		300

<210> 15
 <211> 335
 <212> PRT
 <213> Homo sapiens

<220>
 <221> VARIANT
 <222> (1)..(335)
 <223> Wherein Xaa is any amino acid.

<400> 15
Met Gly Cys Leu Leu Phe Leu Leu Leu Trp Ala Leu Leu Gln Ala Trp
1 5 10 15
Gly Ser Ala Glu Val Pro Gln Arg Leu Phe Pro Leu Arg Cys Leu Gln
20 25 30
Ile Ser Ser Phe Ala Asn Ser Ser Trp Thr Arg Thr Asp Gly Leu Ala
35 40 45
Trp Leu Gly Glu Leu Gln Thr His Xaa Trp Ser Asn Asp Ser Asp Thr
50 55 60
Val Arg Xaa Xaa Lys Pro Trp Ser Gln Gly Thr Phe Ser Asp Gln Gln
65 70 75 80
Trp Glu Thr Leu Gln His Ile Phe Arg Val Tyr Arg Ser Ser Phe Thr

85					90					95					
Xaa	Asp	Xaa	Lys	Glu	Xaa	Ala	Lys	Xaa	Xaa	Arg	Leu	Ser	Tyr	Pro	Leu
			100					105					110		
Glu	Leu	Gln	Xaa	Ser	Ala	Gly	Cys	Glu	Xaa	His	Pro	Gly	Asn	Ala	Ser
			115					120					125		
Asn	Asn	Phe	Phe	His	Val	Ala	Phe	Gln	Gly	Lys	Asp	Ile	Leu	Ser	Phe
								135					140		
Gln	Gly	Thr	Ser	Xaa	Glu	Pro	Xaa	Gln	Glu	Ala	Pro	Xaa	Trp	Val	Asn
								150					155		160
Leu	Ala	Xaa	Gln	Xaa	Leu	Asn	Gln	Asp	Lys	Trp	Thr	Xaa	Glu	Thr	Xaa
								165					170		175
Gln	Trp	Leu	Leu	Asn	Gly	Thr	Cys	Pro	Gln	Phe	Val	Ser	Gly	Leu	Leu
								180					185		190
Glu	Ser	Gly	Lys	Ser	Glu	Leu	Lys	Lys	Gln	Val	Lys	Pro	Lys	Xaa	Trp
								195					200		205
Leu	Ser	Arg	Gly	Pro	Xaa	Pro	Xaa	Pro	Gly	Arg	Leu	Leu	Leu	Xaa	Cys
								210					215		220
His	Val	Ser	Gly	Xaa	Tyr	Pro	Lys	Pro	Val	Trp	Val	Lys	Trp	Xaa	Xaa
								225					230		235
Gly	Glu	Gln	Glu	Gln	Gln	Gly	Thr	Gln	Pro	Xaa	Asp	Xaa	Xaa	Pro	Asn
								245					250		255
Xaa	Asp	Glu	Thr	Trp	Tyr	Leu	Arg	Ala	Thr	Leu	Xaa	Val	Xaa	Ala	Gly
								260					265		270
Glu	Ala	Xaa	Gly	Leu	Ser	Cys	Arg	Val	Lys	His	Ser	Ser	Leu	Xaa	Gly
								275					280		285
Gln	Asp	Ile	Val	Leu	Tyr	Trp	Gly	Gly	Ser	Tyr	Thr	Ser	Met	Gly	Leu
								290					295		300
Ile	Ala	Leu	Ala	Val	Leu	Ala	Cys	Leu	Leu	Phe	Leu	Leu	Ile	Val	Gly
								305					310		315
Phe	Thr	Ser	Arg	Phe	Lys	Arg	Gln	Thr	Ser	Tyr	Gln	Gly	Val	Leu	
								325					330		335

<210> 16
 <211> 335
 <212> PRT
 <213> Homo sapiens

<220>
 <221> VARIANT
 <222> (1)..(335)
 <223> Wherein Xaa is any amino acid.

<400> 16

Met	Gly	Cys	Leu	Leu	Phe	Leu	Leu	Leu	Trp	Ala	Leu	Leu	Gln	Ala	Trp
1				5					10					15	
Gly	Ser	Ala	Glu	Val	Pro	Gln	Arg	Leu	Phe	Pro	Leu	Arg	Cys	Leu	Gln
			20					25					30		
Ile	Ser	Ser	Phe	Ala	Asn	Ser	Ser	Trp	Thr	Xaa	Thr	Asp	Gly	Leu	Ala
		35					40					45			
Xaa	Leu	Gly	Glu	Leu	Gln	Thr	His	Ser	Trp	Ser	Xaa	Asp	Ser	Asp	Thr
	50					55					60				
Xaa	Xaa	Xaa	Leu	Lys	Pro	Trp	Ser	Gln	Gly	Thr	Phe	Ser	Xaa	Gln	Xaa
65					70					75					80
Trp	Glu	Thr	Leu	Xaa	His	Ile	Phe	Xaa	Xaa	Tyr	Arg	Ser	Ser	Phe	Thr
				85					90						95
Arg	Asp	Val	Lys	Glu	Phe	Ala	Lys	Xaa	Leu	Arg	Leu	Ser	Tyr	Pro	Xaa
			100					105					110		
Glu	Leu	Gln	Xaa	Xaa	Ala	Gly	Cys	Glu	Val	His	Pro	Gly	Xaa	Ala	Ser
		115					120					125			
Asn	Asn	Phe	Phe	His	Xaa	Ala	Xaa	Gln	Gly	Xaa	Asp	Ile	Leu	Ser	Phe
	130					135					140				
Gln	Gly	Thr	Ser	Trp	Glu	Pro	Thr	Gln	Glu	Ala	Pro	Xaa	Trp	Val	Asn
145					150					155					160
Leu	Ala	Ile	Gln	Xaa	Leu	Asn	Gln	Asp	Lys	Trp	Thr	Arg	Xaa	Thr	Val
				165					170						175
Gln	Trp	Leu	Leu	Asn	Gly	Thr	Cys	Pro	Gln	Phe	Val	Ser	Gly	Leu	Leu
			180					185					190		
Glu	Xaa	Gly	Lys	Xaa	Glu	Leu	Lys	Lys	Gln	Xaa	Lys	Pro	Lys	Ala	Xaa
		195					200					205			
Leu	Ser	Arg	Gly	Pro	Ser	Pro	Gly	Pro	Gly	Arg	Leu	Leu	Leu	Val	Cys
	210					215					220				
His	Val	Xaa	Gly	Phe	Tyr	Pro	Lys	Pro	Val	Trp	Xaa	Lys	Trp	Xaa	Arg
225					230					235					240
Gly	Glu	Gln	Glu	Gln	Gln	Gly	Thr	Gln	Pro	Gly	Asp	Ile	Leu	Pro	Asn
				245					250					255	
Xaa	Asp	Glu	Thr	Trp	Tyr	Leu	Arg	Ala	Thr	Leu	Asp	Xaa	Xaa	Ala	Gly
			260					265					270		
Glu	Ala	Ala	Gly	Leu	Xaa	Cys	Arg	Val	Lys	His	Ser	Ser	Leu	Glu	Gly
		275					280					285			
Gln	Xaa	Xaa	Xaa	Leu	Tyr	Trp	Gly	Gly	Ser	Tyr	Thr	Ser	Met	Gly	Leu

290						295						300			
Ile	Ala	Leu	Ala	Val	Leu	Ala	Cys	Leu	Xaa	Phe	Leu	Leu	Ile	Val	Gly
305					310					315					320
Phe	Thr	Ser	Arg	Phe	Lys	Arg	Gln	Thr	Ser	Tyr	Gln	Gly	Val	Leu	
				325					330					335	